EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 A.01

SUPPORT/SPECIAL EQUIPMENT

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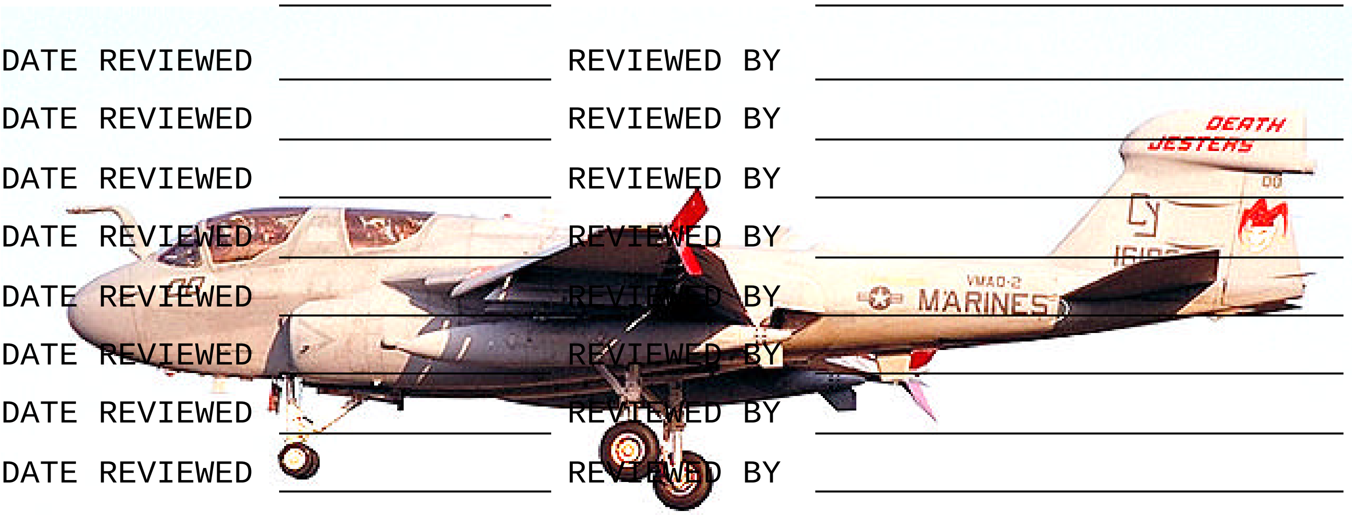

A. LECTURE NUMBER: MOS 6313 A.01

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: SUPPORT/SPECIAL EQUIPMENT.

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the proper operation and maintenance procedures of shop support/special equipment used on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. B-1, B-4 and B-5 aircraft maintenance platforms.
2. NT-4 aircraft tow bar.

H. REFERENCES:

1. NA 19-600-6-1.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the proper operation and maintenance procedures of support and special equipment used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference(s) (1).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The proper operation and maintenance procedures of support and special equipment used on the EA-6B aircraft.

K. Questions and answers:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 A.02

SAFETY PRECAUTIONS AND PROCEDURES AROUND THE AIRCRAFT AND WORKCENTER

	YR/MO/DAY		NAME/RANK
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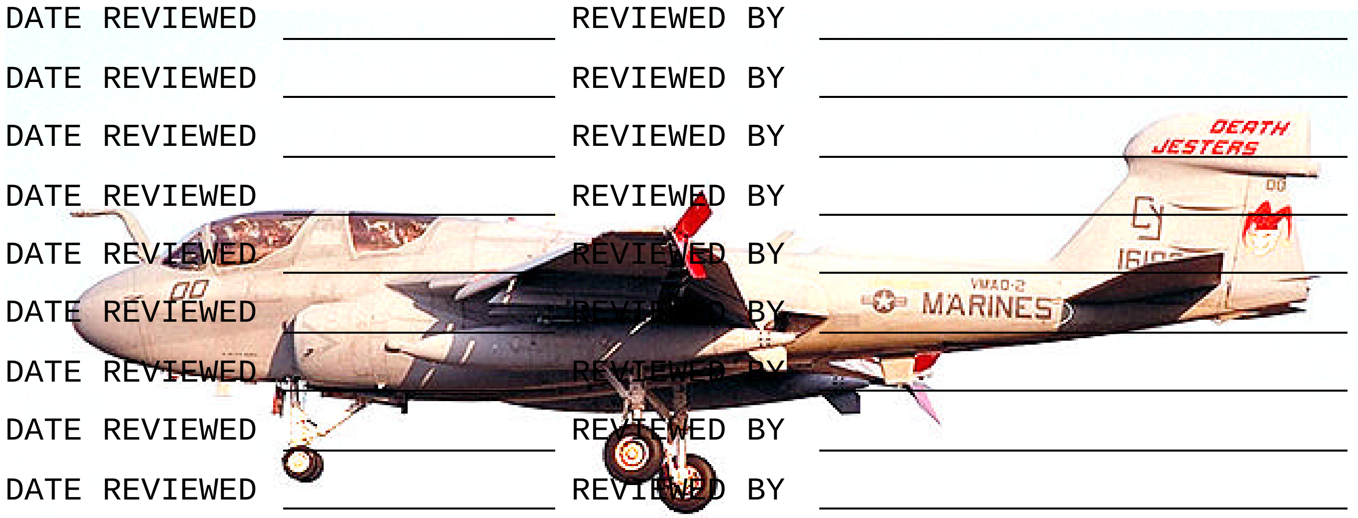

A. LECTURE NUMBER: MOS 6313 A.02

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: SAFETY PRECAUTIONS AND PROCEDURES AROUND THE AIRCRAFT AND WORKCENTER

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the proper safety precautions and procedures around the EA-6B aircraft and work center.

G. INSTRUCTIONAL AIDES:

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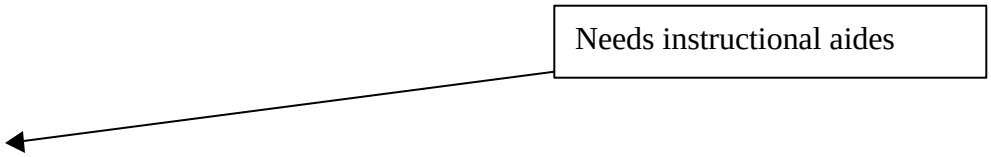
5. .
6. .
7. .



H. REFERENCES:

1. Marine Corps Common Skills Handbook.
2. Wing, group, Squadron NAMSOPS.
3. NA 01-1A-509.
4. NA A1-NAOSH-SAF-000/P5100-1.
5. NA 01-1A-540.
6. OPNAVINST 4790.2_.
7. NA 01-85ADC-2-1.
8. NA 11-15-7.
9. DOD 4140.27-M.
10. OSHA 29 CFR 1910.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the proper safety precautions and procedures around the EA-6B aircraft and work center.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference(s) (1) thru (10).
   b. Give a thirty-minute practical application exercise.

J. SUMMARY: During this period of instruction we have covered:

1. The proper safety precautions and procedures around the EA-6B aircraft and work center.

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K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 A.03

AIRCRAFT PUBLICATIONS, DIAGRAMS, SKETCHES AND DRAWINGS

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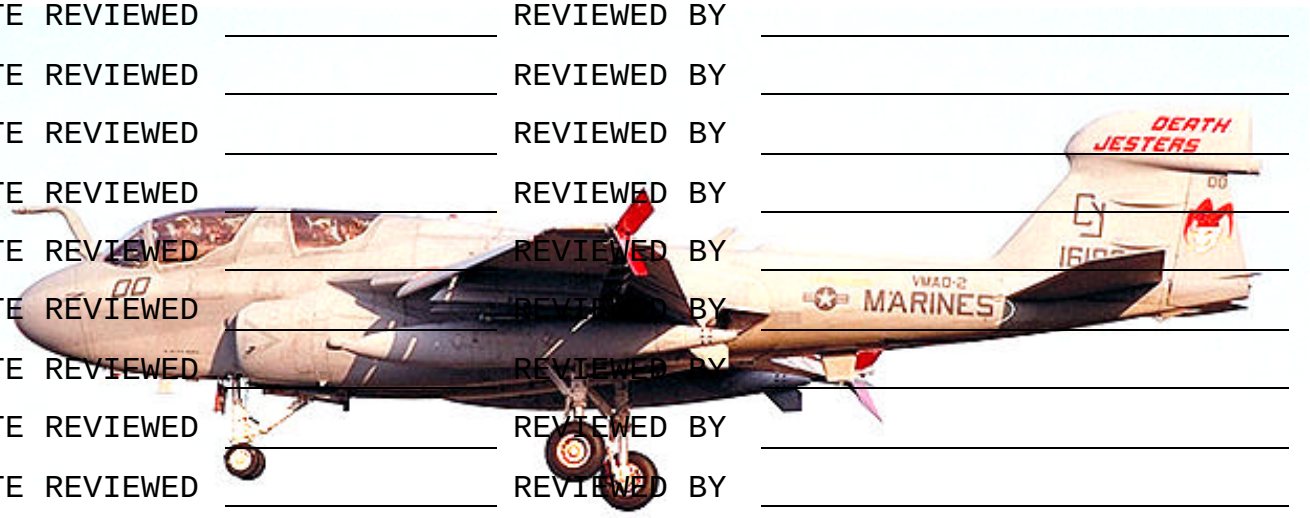

A. LECTURE NUMBER: MOS 6313 A.03

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AIRCRAFT PUBLICATIONS, DIAGRAMS, SKETCHES AND DRAWINGS

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with aircraft publications, diagrams, sketches and drawings used on the EA -6B aircraft.

G. INSTRUCTIONAL AIDES:

1. Applicable publications.

H. REFERENCES:

1. OPNAVINST 4790.2_.
2. OSHA 29 CFR 1910.
3. NA A1-NAOSH-SAF-000/P5100-1.
4. NAVSEAOP 2239.
5. NAVSEAOP 5 vol. 1, 2 and 3.
6. NAVSEAOP 2173 vol. 1 and 2.
7. NAVSEAOP 4 series.
8. NAVSUP 2002.
9. TWO 24-AA-ORD-010.
10. TWO 10-AA-ORD-030.
11. NA-1-116B.
12. NA 00-25-100.
13. NA 00-80T-103.
14. NA 00-80T-96.
15. NA 01-02-500.
16. NA 01-1A-509.
17. NA 01-1A-17.
18. NA 01-85ADC-6-3.
19. NA 01-85ADC-6-4.
20. NA 01-85ADC-8.
21. NA 01-85ADC-1.
22. NA 01-85ADC-2-1.
23. NA 01-85AD-75.
24. NA 01-700.
25. NA 01-85ADC-4-13.
26. NA 01-85ADC-2-25.5.1.
27. NA 11-5D-20.
28. NA 11-100-1.
29. NA 16-1-529.
30. NA 11-15-7.
31. NA 17-1-125.
32. OP-0.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on aircraft publications, diagrams, sketches and drawings used for the EA -6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference(s) (1) thru (32).
   b. Give a thirty-minute practical application exercise.

J. SUMMARY: During this period of instruction we have covered:

1. Aircraft publications, diagrams, sketches and drawings used for the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 A.04

PRECISION MEASURING EQUIPMENT (PME)

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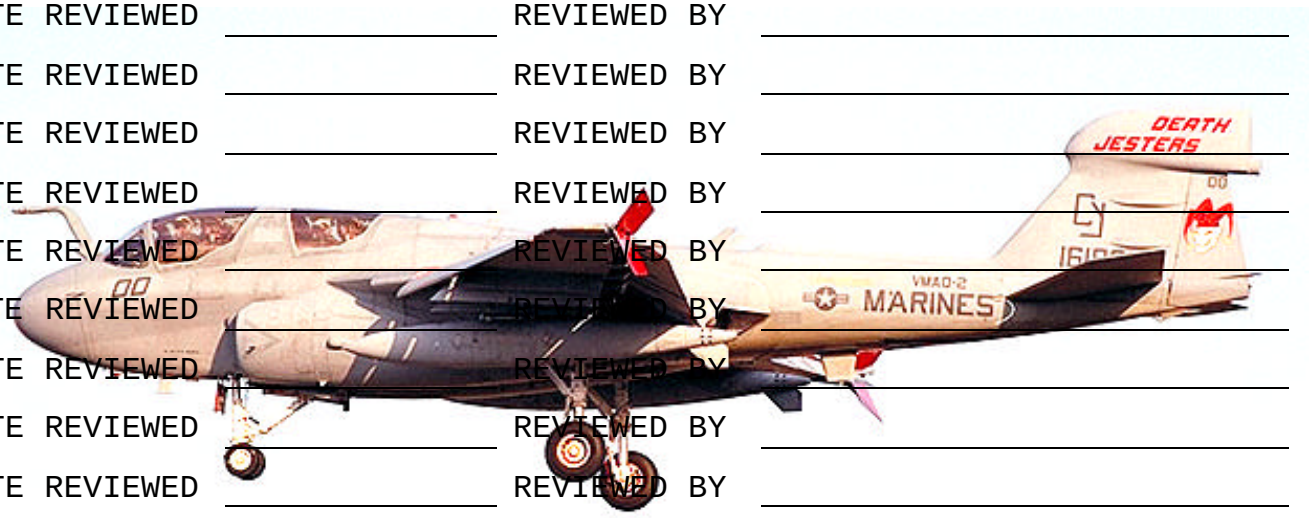

A. LECTURE NUMBER: MOS 6313 A.04

B. TIME: 1 HOUR

C. DATE PREPARED: 22 April 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: PRECISION MEASURING EQUIPMENT (PME)

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with Precision Measuring Equipment (PME) used on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. Multimeter.
2. Time domain reflectometer.
3. Wattmeter.
4. AN/APM-378 test set.
5. AN/APM-424 test set.
6. AN/APM-480 test set.
7. AN/APM-199 test set.
8. AN/APM-230B test set.
9. AN/SM-658 test set.
10. ASM-663 test set.
11. SM-511 test ste.

H. REFERENCES:

1. NA 01-85ADC-2-26.
2. NA 01-85ADC-2-23.4A.2.
3. NA 01-85ADC-2-23.4A.3.
4. NA 01-85ADC-2-23.4A.4.
5. NA 01-85ADC-2-23.4A.5.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the proper operation and usage of Precision Measuring Equipment (PME) used for the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference(s) (1) thru (5).
   b. Give a thirty-minute practical application exercise (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. Precision Measuring Equipment (PME) used for the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.01

SCHEDULED AND UNSCHEDULED INSPECTIONS

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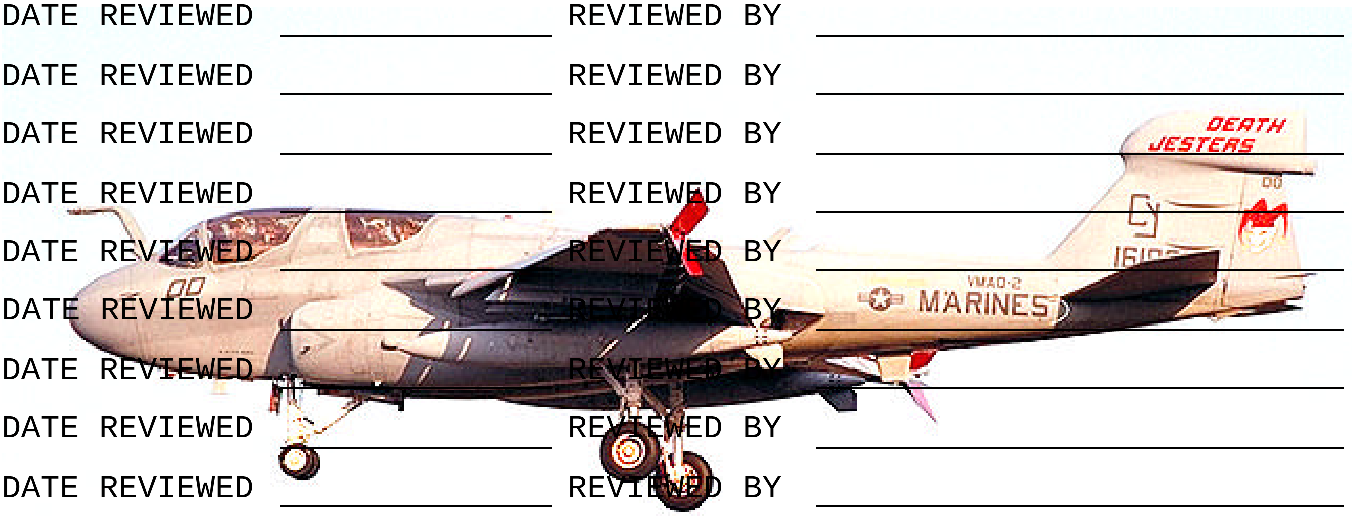

A. LECTURE NUMBER: MOS 6313 B.01

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: SCHEDULED AND UNSCHEDULED INSPECTIONS

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the organizational maintenance procedures for the scheduled and unscheduled inspections used on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.
2. Pump.
3. USM-406 cart.

H. REFERENCES:

1. NA 01-85ADC-6-3.
2. NA 01-85ADC-6-4.
3. NA 15-01-500.
4. NA 00-25-300.
5. OPNAVINST 4790.2_.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the scheduled and unscheduled inspections used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference(s) (1) thru (5).
   b. Give a thirty-minute practical application exercise (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. Organizational maintenance procedures for the scheduled and unscheduled inspections used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.02

DAILY/SERVICING/PRESERVATION/CONDITIONAL INSPECTIONS

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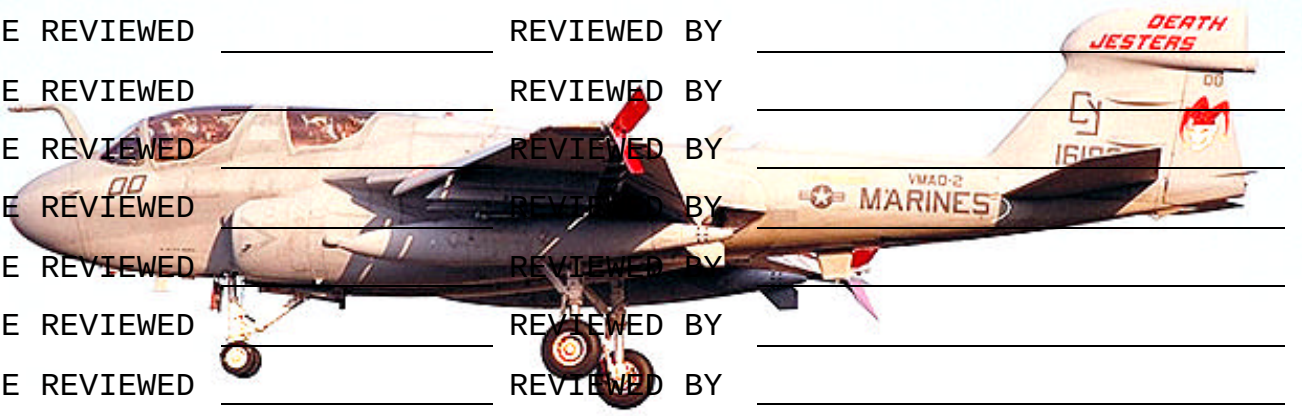

A. LECTURE NUMBER: MOS 6313 B.02

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: DAILY/SERVICING/PRESERVATION/CONDITIONAL INSPECTIONS

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the organizational maintenance procedures for the daily/servicing/preservation/conditional inspections used on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.
2. Pump.
3. USM-406 cart.

H. REFERENCES:

1. NA 01-85ADC-6-3.
2. NA 01-85ADC-6-4.
3. NA 15-01-500.
4. NA 00-25-300.
5. OPNAVINST 4790.2_.

I. PRESENTATION:

1. Present the student a thirty-minute lecture on the organizational maintenance procedures for daily/servicing/preservation/conditional inspections used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference(s) (1) thru (5).
   b. Give a thirty-minute practical application exercise (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. Organizational maintenance procedures for the daily/servicing/preservation/conditional inspections used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.03

TECHNICAL DIRECTIVES CHANGES/BULLETINS

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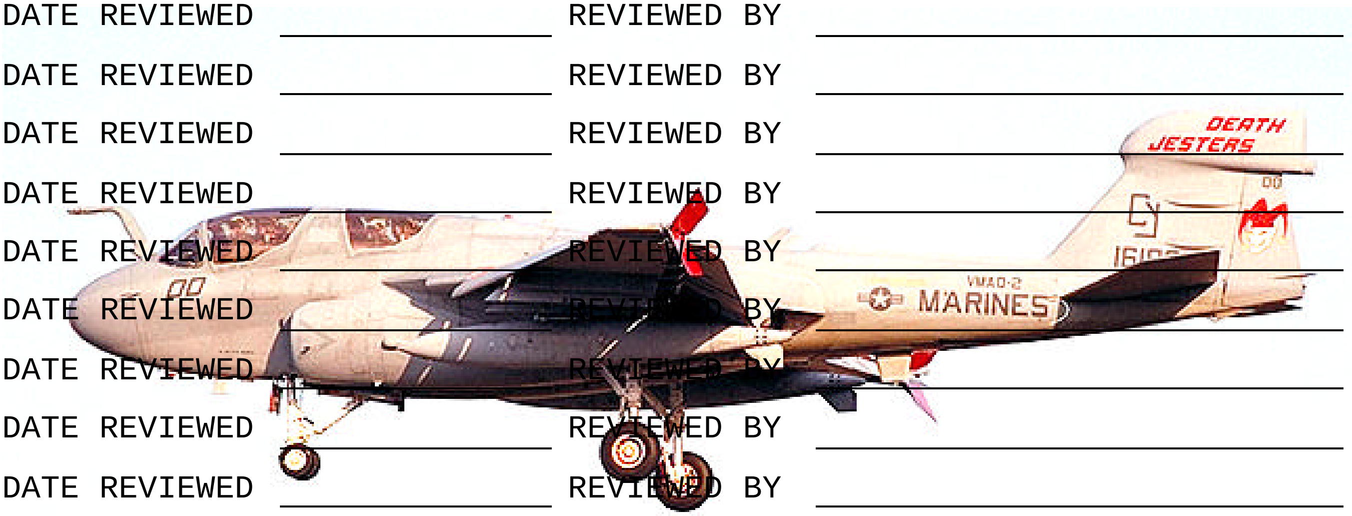

A. LECTURE NUMBER: MOS 6313 B.03

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: TECHNICAL DIRECTIVES CHANGES/BULLETINS

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the purpose and implementation of organizational level technical directives changes/bulletins used on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. None.

H. REFERENCES:

1. OPNAVINST 4790.2_.
2. NA 00-25-300.
3. NAVAIRINST 5215.10.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the purpose and implementation of organizational level technical directives changes/bulletins used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference(s) (1) thru (3).
   b. Demonstrate the proper procedures for reading and incorporating a technical directive.
   c. Demonstrate the proper procedures for VIDS/MAF documentation of a technical directive.

J. SUMMARY: During this period of instruction we have covered:

1. The purpose and implementation of organizational level technical directives changes/bulletins used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.04

CORROSION DETECTION AND CONTROL

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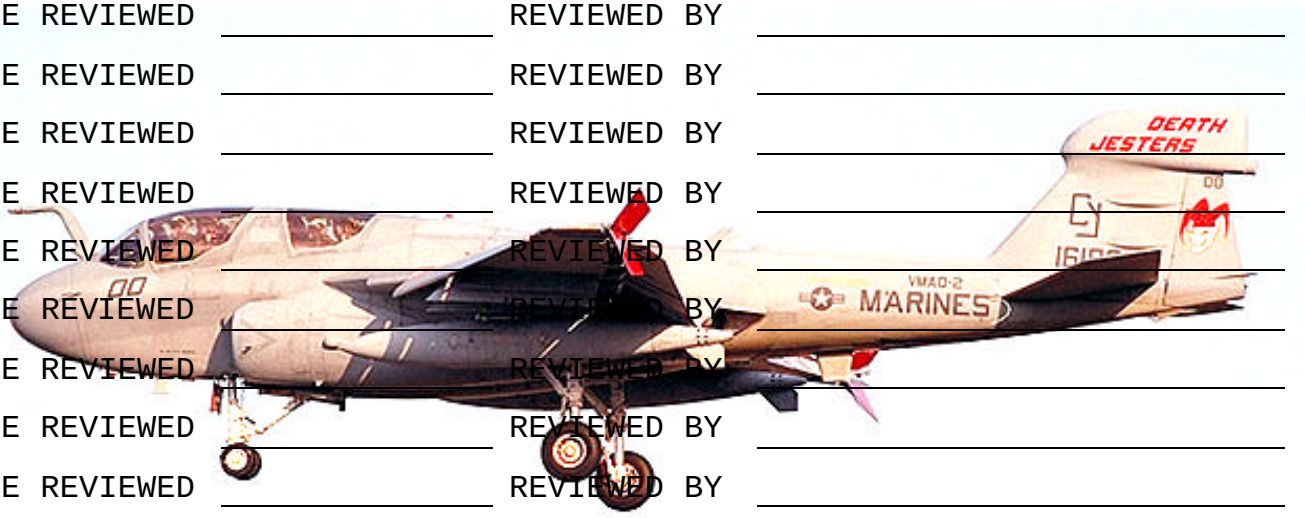

A. LECTURE NUMBER: MOS 6313 B.04

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: CORROSION DETECTION AND CONTROL

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the organizational maintenance level maintenance procedures for corrosion detection and control used on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. None.

NEED INSTRUCTIONAL AIDES

H. REFERENCES:

1. NA 15-01-500.
2. NA 01-1A-509.
3. NA 01-85ADC-6-3.
4. NA 16-1-540.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the organizational level maintenance procedures for corrosion detection and control used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference(s) (1) thru (4).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for corrosion detection and control used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.05

AN/ARC-210 RADIO SYSTEM

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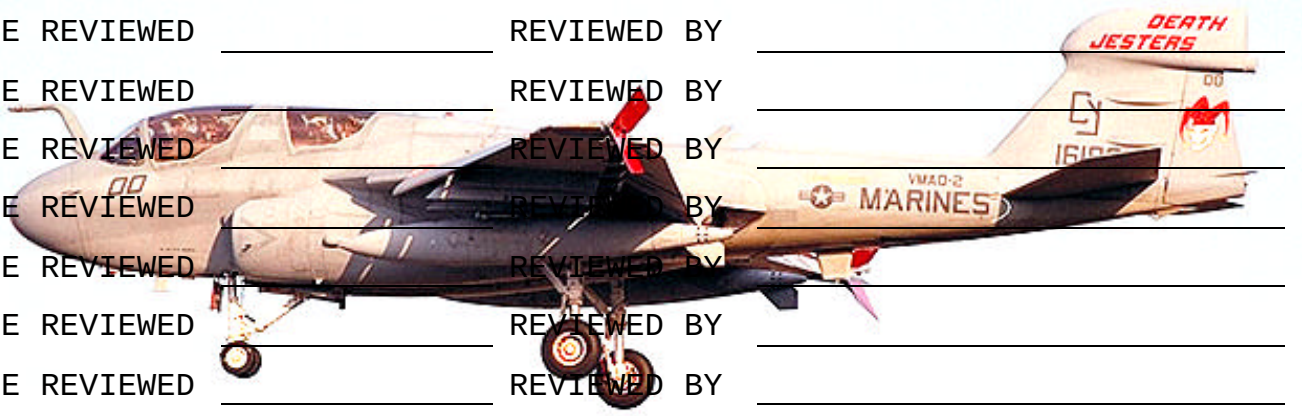

A. LECTURE NUMBER: MOS 6313 B.05

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AN/ARC-210 RADIO SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the AN/ARC-210 radio system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. Wattmeter.
2. Dummy loads.
3. 2 Headsets.
4. TDR.
5. EA-6B aircraft.

H. REFERENCES:

1. NA 01-85ADC-2-13 WP 15 pg. 2-10, WP 13 pg. 2-3 and WP 12 pg. 15-16.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for AN/ARC-210 radio system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for AN/ARC-210 radio system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.06

KY-58/COMSEC SYSTEM

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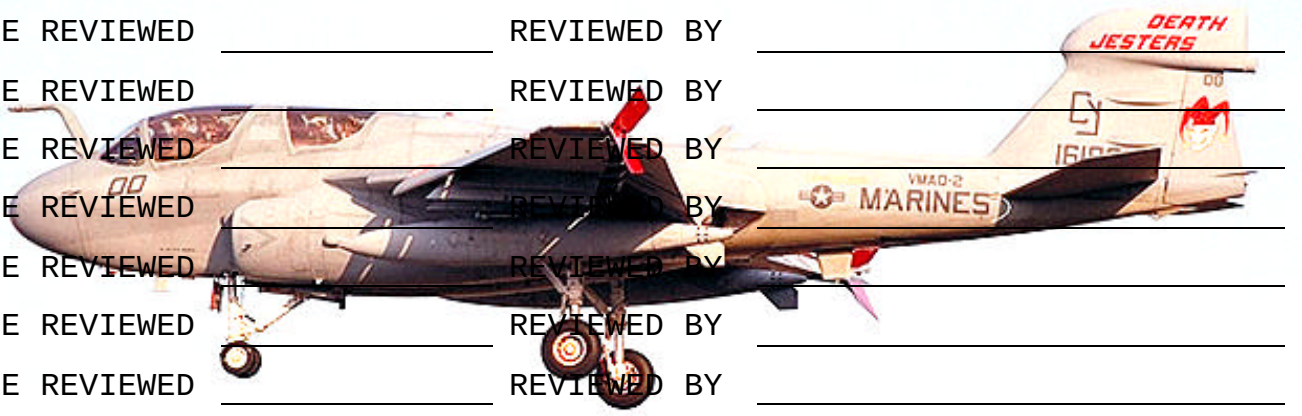

A. LECTURE NUMBER: MOS 6313 B.06

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: KY-58/COMSEC SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the KY-58/COMSEC system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. 2 Headsets.
2. EA-6B aircraft.

Verify references

H. REFERENCES:

1. NA 01-85ADC-2-27.5.3.
2. NA 01-85ADC-2-13.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for KY-58/COMSEC system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for KY-58/COMSEC system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.07

AN/ARC-182 V/UHF RADIO SYSTEM

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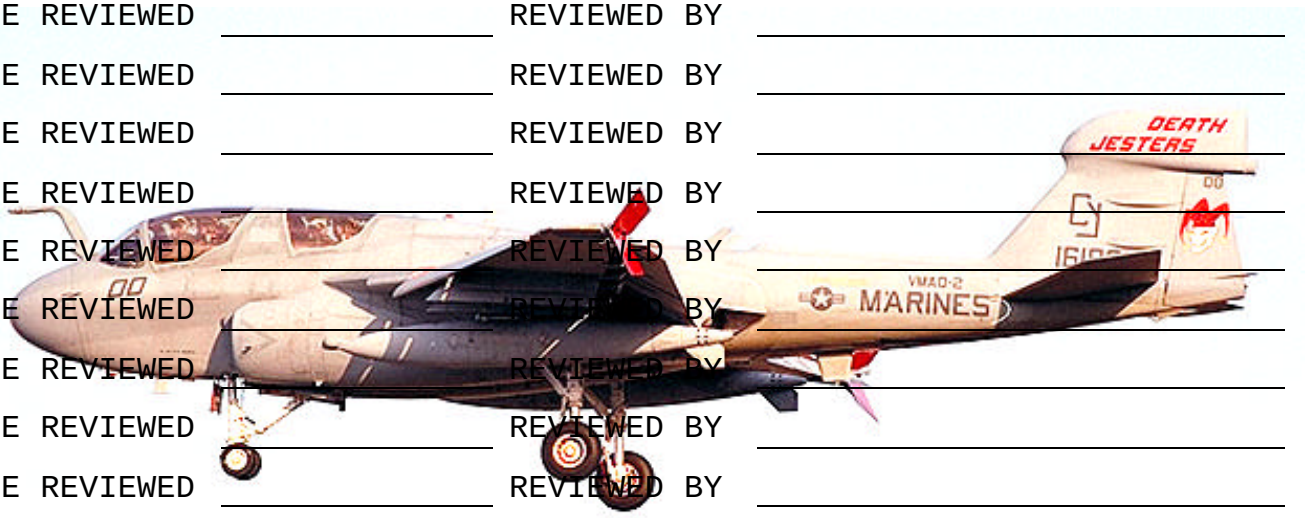

A. LECTURE NUMBER: MOS 6313 B.07

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AN/ARC-182 V/UHF RADIO SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the AN/ARC-182 V/UHF radio system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. 2 Headsets.
2. EA-6B aircraft.

Verify references

H. REFERENCES:

1. NA 01-85ADC-2-27.5.3.
2. NA 01-85ADC-2-13.
3. NA 01-85ADC-2-64.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for AN/ARC-182 V/UHF radio system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1) thru (3).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for AN/ARC-182 V/UHF radio system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.08

AN/ARC-199 HF RADIO SYSTEM

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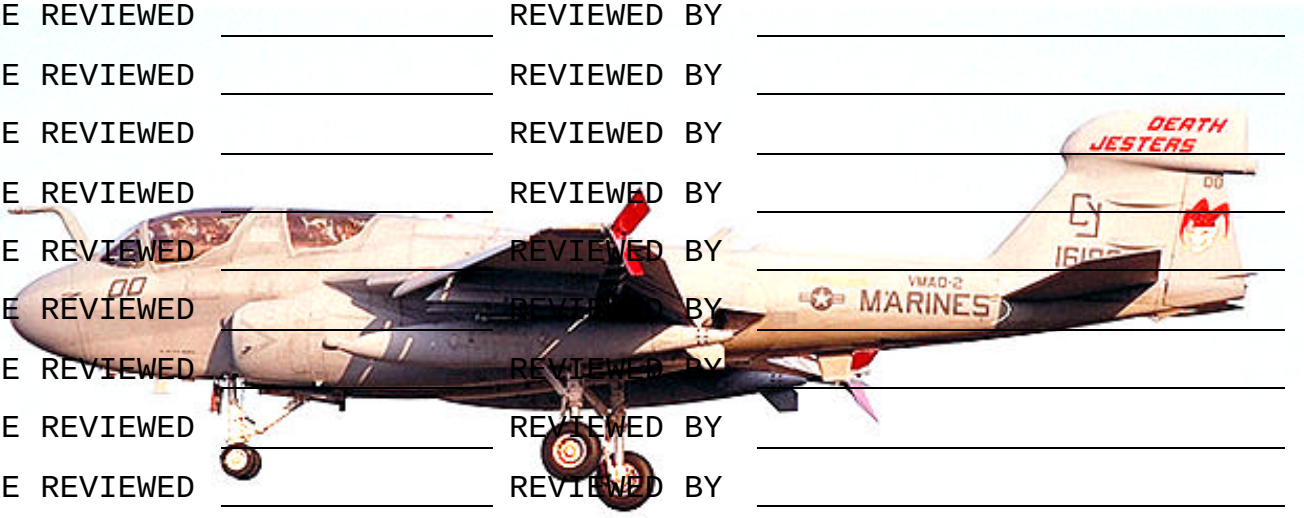

A. LECTURE NUMBER: MOS 6313 B.08

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AN/ARC-199 HF RADIO SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the AN/ARC-199 HF radio system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. 2 Headsets.
2. EA-6B aircraft.

H. REFERENCES:

1. NA 01-85ADC-2-27.5.3.
2. NA 01-85ADC-2-13.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for AN/ARC-199 HF radio system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1) and (2).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for AN/ARC-199 HF radio system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.09

AN/AIC-14A ICS SYSTEM

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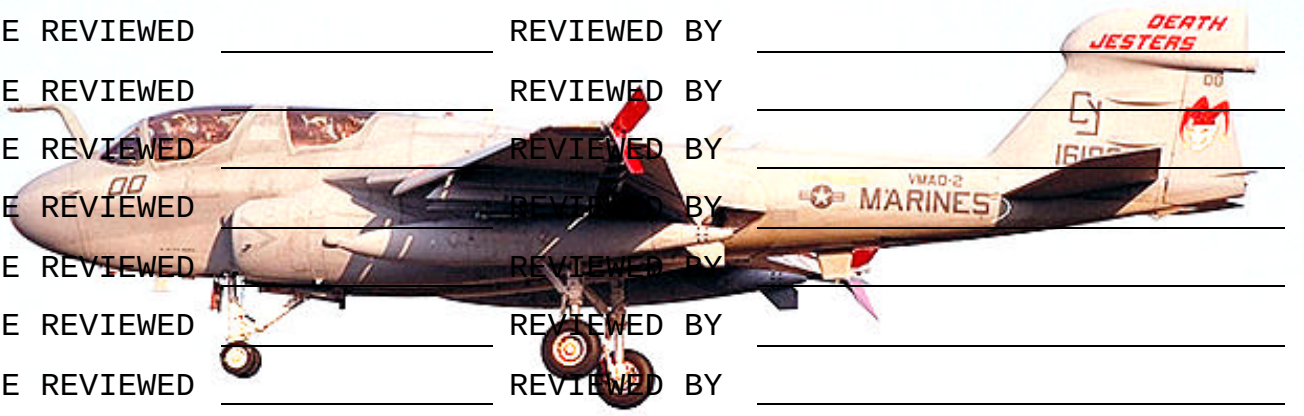

A. LECTURE NUMBER: MOS 6313 B.09

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AN/AIC-14A ICS SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the AN/AIC-14A ICS system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. 2 Headsets.
2. EA-6B aircraft.

H. REFERENCES:

1. NA 01-85ADC-2-27.5.3.
2. NA 01-85ADC-2-23.5.3.
3. NA 01-84ADC-2-25.2.
4. NA 01-85ADC-2-26.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for AN/AIC-14A ICS system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1) thru (3).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for AN/AIC-14A ICS system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.10

AN/ARN-84 TACAN SYSTEM

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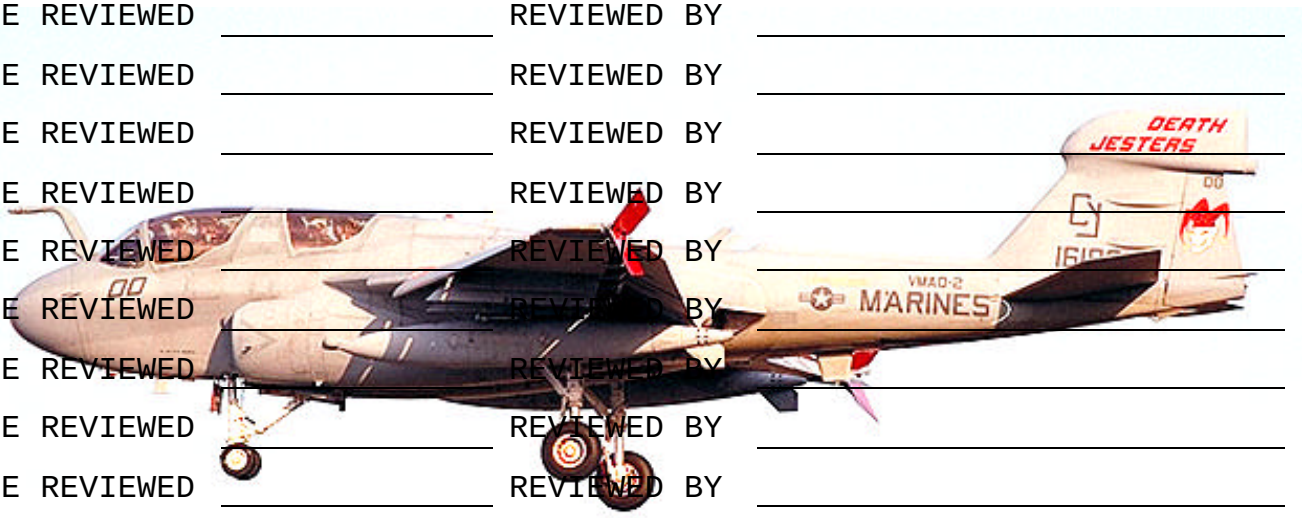

A. LECTURE NUMBER: MOS 6313 B.10

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AN/ARN-84 TACAN SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the AN/ARN-84 TACAN system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. 2 Headsets.
2. EA-6B aircraft.

H. REFERENCES:

1. NA 01-85ADC-2-27.5.2.
2. NA 01-85ADC-2-23.5.3.
3. NA 01-84ADC-2-25.2.
4. NA 01-85ADC-2-26.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for AN/ARN-84 TACAN system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1) thru (4).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for AN/ARN-84 TACAN system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.11

AN/APX-72 IFF SYSTEM

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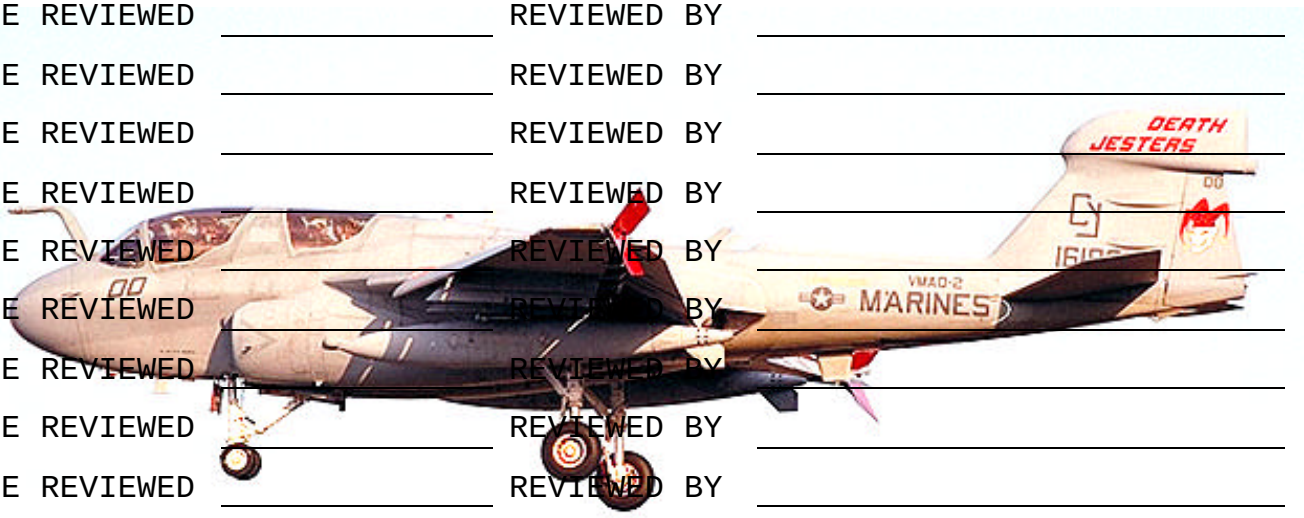

A. LECTURE NUMBER: MOS 6313 B.11

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AN/APX-72 IFF SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the AN/APX-72 IFF system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. 2 Headsets.
2. EA-6B aircraft.

H. REFERENCES:

1. NA 01-85ADC-2-13.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for AN/APX-72 IFF system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for AN/APX-72 IFF system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.12

AN/APS-130 RADAR SYSTEM

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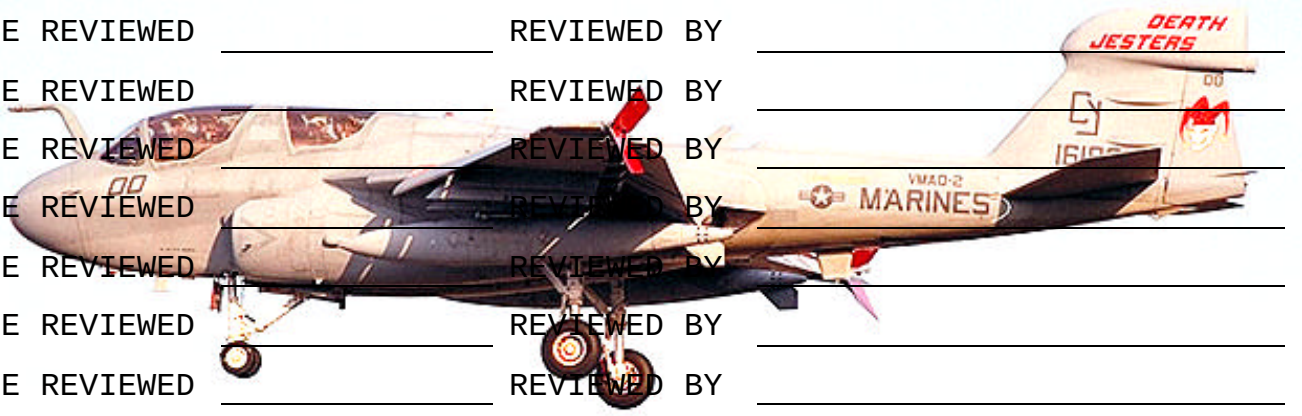

A. LECTURE NUMBER: MOS 6313 B.12

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AN/APS-130 RADAR SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the AN/APS-130 RADAR system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.
2. Air conditioning unit.

H. REFERENCES:

1. NA 01-85ADC-2-25.2.
2. NA 01-85ADC-2-23.5.3.
3. NA 01-85ADC-2-27.5.3

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for AN/APS-130 RADAR system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1) thru (3).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for AN/APS-130 RADAR system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.13

AN/APN-194 RADAR ALTIMETER SYSTEM

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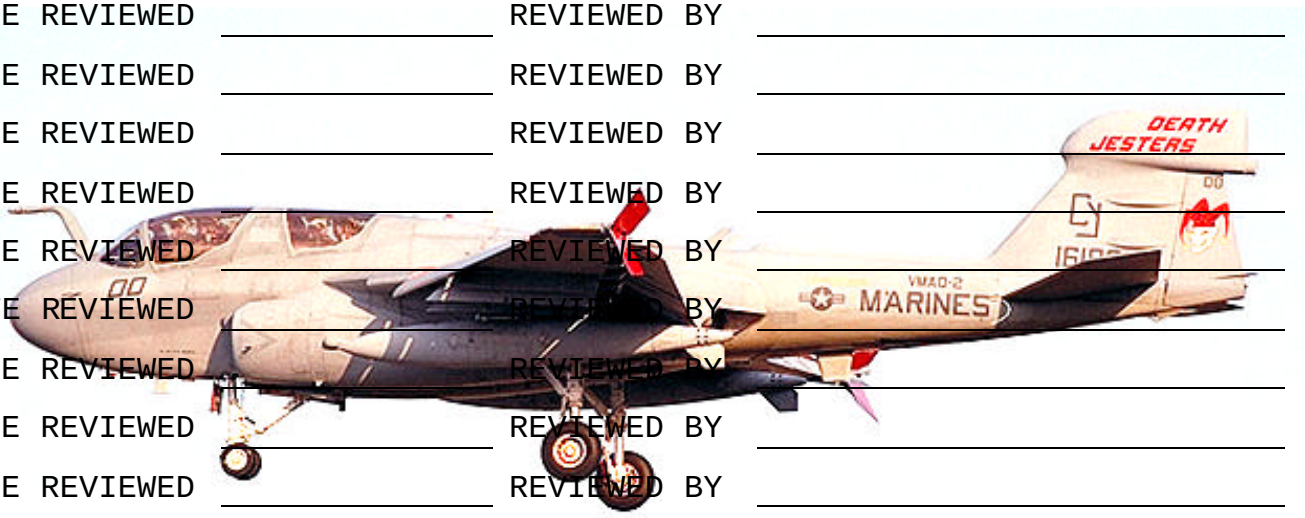

A. LECTURE NUMBER: MOS 6313 B.13

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AN/APN-194 RADAR ALTIMETER SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the AN/APN-194 RADAR altimeter system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.

H. REFERENCES:

1. NA 01-85ADC-2-18.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for AN/APN-194 RADAR altimeter system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for AN/APN-194 RADAR altimeter system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.14

AN/ASN-130 INERTIAL NAVIGATION SYSTEM

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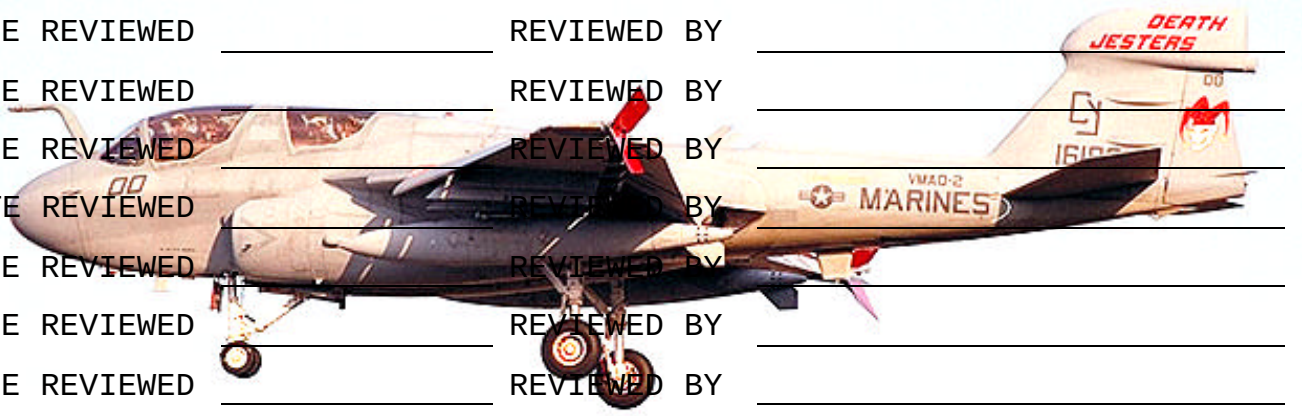

A. LECTURE NUMBER: MOS 6313 B.14

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AN/ASN-130 INERTIAL NAVIGATION SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the AN/ASN-130 inertial navigation system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.
2. Air conditioning unit.

H. REFERENCES:

1. NA 01-85ADC-2-28.5.2.
2. NA 01-85ADC-2-23.5.4.
3. NA 01-85ADC-2-25.2.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for AN/ASN-130 inertial navigation system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1) thru (3).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for AN/ASN-130 inertial navigation system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.15

AN/ASN-172 EGI/INS SYSTEM

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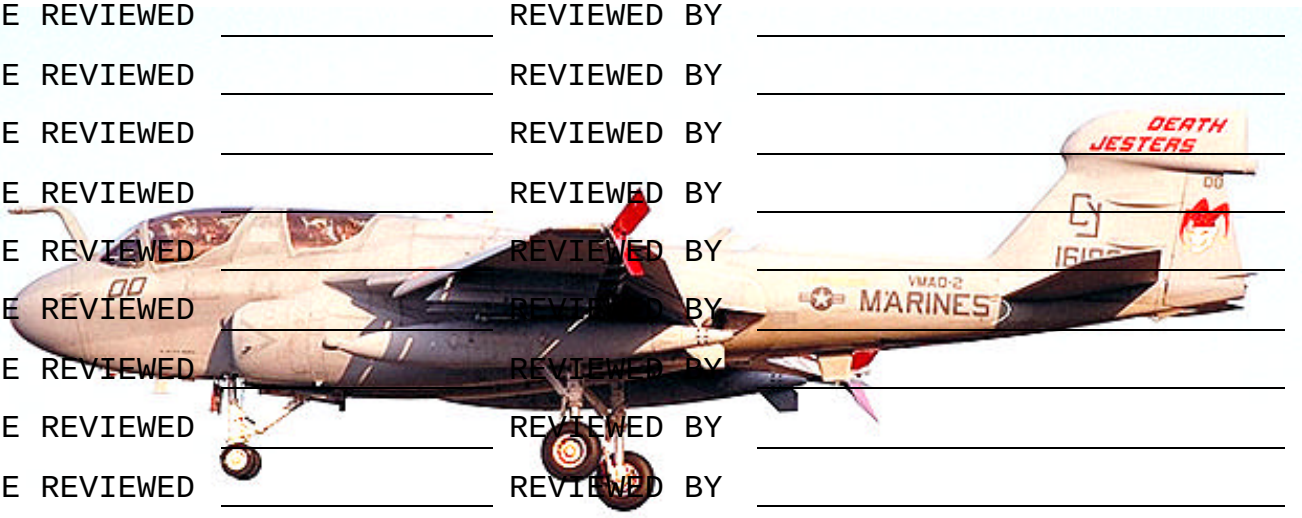

A. LECTURE NUMBER: MOS 6313 B.15

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AN/ASN-172 EGI/INS SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the AN/ASN-172 EGI/INS system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.

H. REFERENCES:

1. NA 01-85ADC-2-27.5.3.
2. NA 01-85ADC-2-23.5.3.
3. NA 01-85ADC-2-25.2.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for AN/ASN-172 EGI/INS system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1) thru (3).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for AN/ASN-172 EGI/INS system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.16

ELECTRONIC FLIGHT INSTUMENT SYSTEM (EFIS) SYSTEM

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A. LECTURE NUMBER: MOS 6313 B.16

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: ELECTRONIC FLIGHT INSTUMENT SYSTEM (EFIS) SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the EFIS system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.

H. REFERENCES:

1. NA 01-85ADC-2-27.5.3.
2. NA 01-85ADC-2-23.5.4.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for EFIS system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1) and (2).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for EFIS system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.17

ASW-25 DIGITAL DATA LINK SYSTEM

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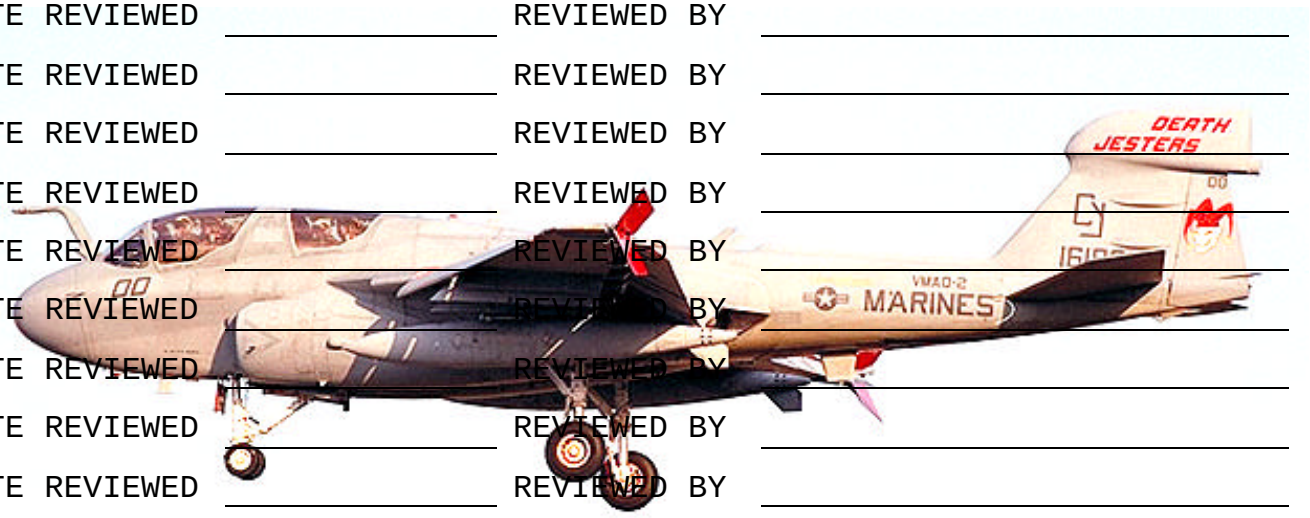

A. LECTURE NUMBER: MOS 6313 B.17

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: ASW-25 DIGITAL DATA LINK SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the ASW-25 digital data link system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.
2. SM-511 digital data simulator.
3. Hydraulic power.

H. REFERENCES:

1. NA 01-85ADC-2-27.1.1.
2. NA 01-85ADC-2-23.5.4.
3. NA 01-85ADC-2-25.1.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for ASW-25 digital data link system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1) thru (3).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for ASW-25 digital data link system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.18

AN/ARA-63 INSTRUMENT LANDING SYSTEM (ILS)

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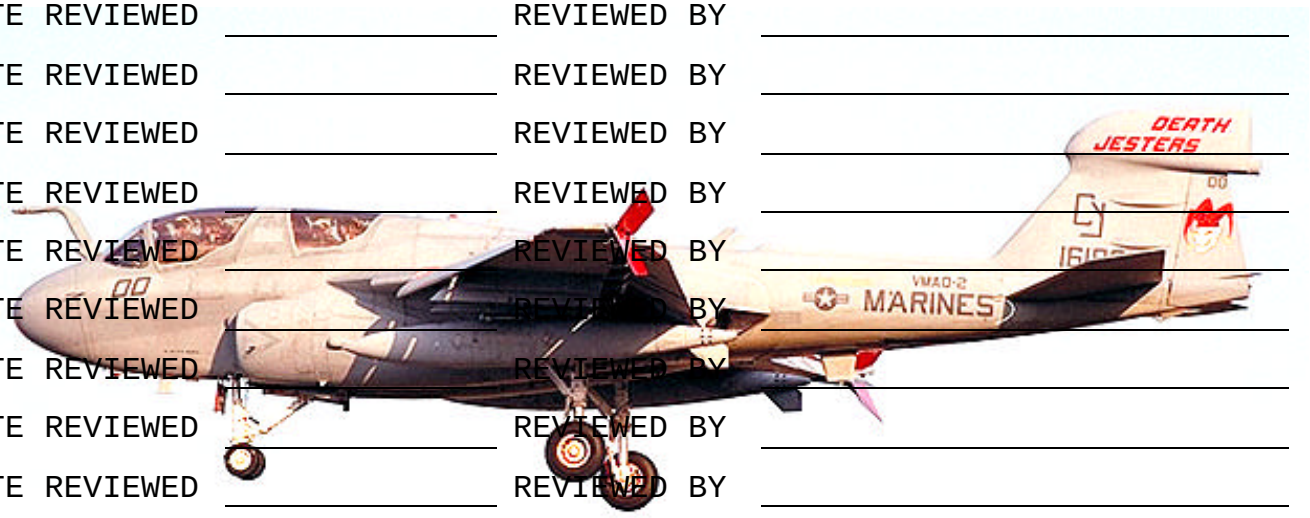

A. LECTURE NUMBER: MOS 6313 B.18

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AN/ARA-63 INSTRUMENT LANDING SYSTEM (ILS)

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the An/ara-63 instrument landing system (ILS) on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.
2. AN/ARM-146 test set.

H. REFERENCES:

1. NA 01-85ADC-2-27.1.1.
2. NA 01-85ADC-2-23.5.4.
3. NA 01-85ADC-2-25.1.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for An/ara-63 instrument landing system (ILS) used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1) thru (3).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for AN/ARA-63 instrument landing system (ILS) used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.19

AN/APN-154 RADAR BEACON SYSTEM

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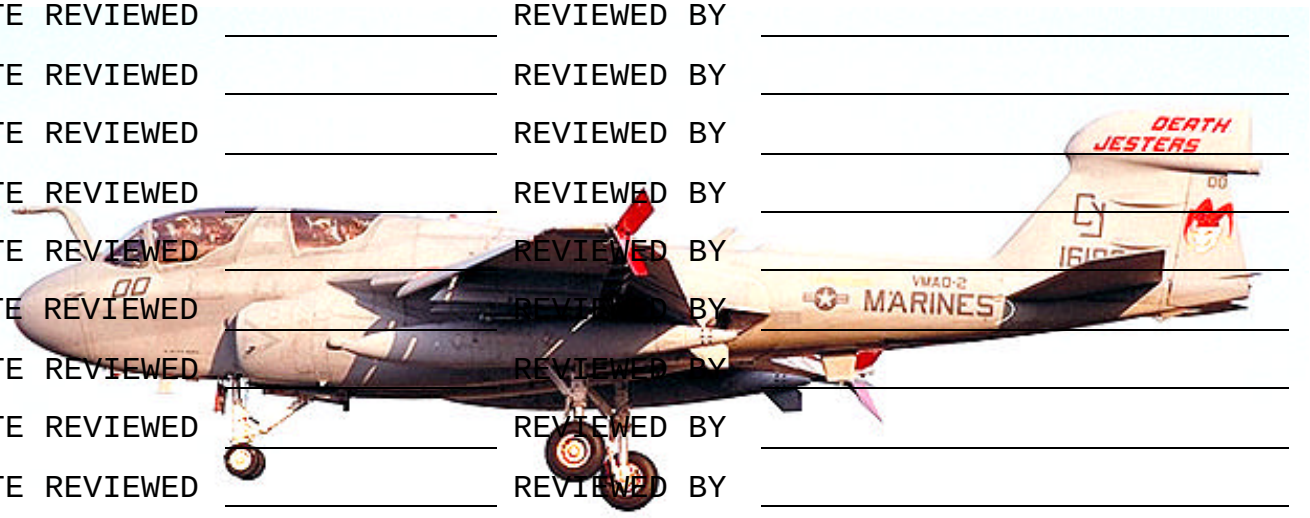

A. LECTURE NUMBER: MOS 6313 B.19

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: AN/APN-154 RADAR BEACON SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the AN/APN-154 radar beacon system on the EA-6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.
2. SM-658.
3. AN/APM-230B

H. REFERENCES:

1. NA 01-85ADC-2-27.1.1.
2. NA 01-85ADC-2-23.5.4.
3. NA 01-85ADC-2-25.2.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for AN/APN-154 radar beacon system used on the EA-6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1) thru (3).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for AN/APN-154 radar beacon system used on the EA-6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.20

OZ-72(V)3 MULTI-MISSION ADVANCED TACTICAL TERMINAL SYSTEM (MATT)

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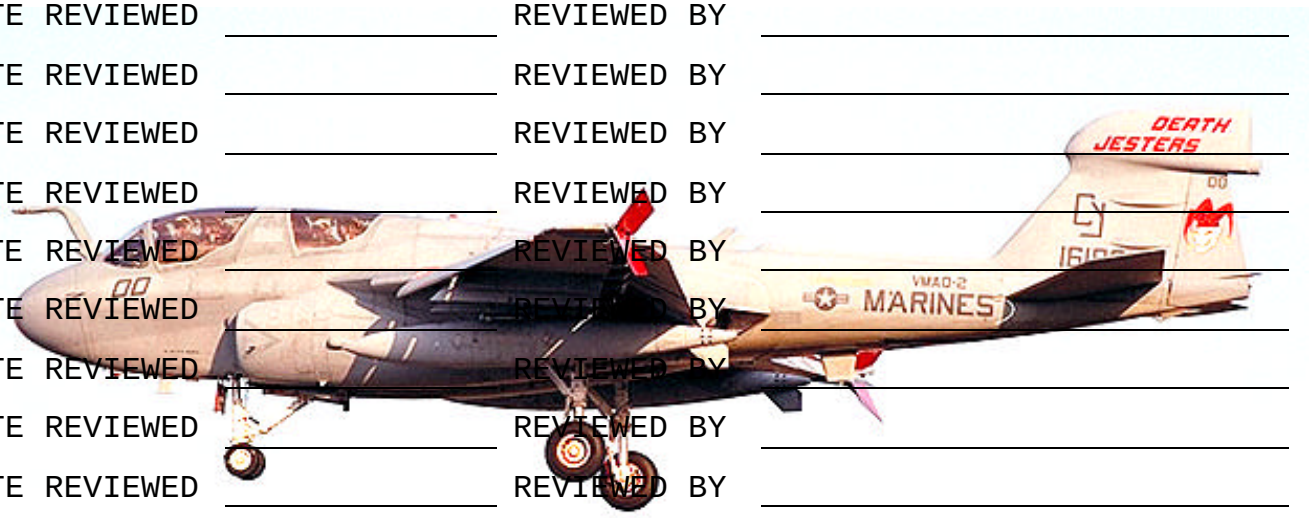

A. LECTURE NUMBER: MOS 6313 B.20

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: MULTI-MISSION ADVANCED TACTICAL TERMINAL SYSTEM (MATT)

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the Multi-Mission Advanced Tactical Terminal system (MATT)on the EA -6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.

H. REFERENCES:

1. NA 01-85ADC-2-64.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for Multi-Mission Advanced Tactical Terminal system used on the EA -6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for Multi-Mission Advanced Tactical Terminal system used on the EA -6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.

EA-6B MAINTENANCE TRAINING

LESSON GUIDE NUMBER EA-6B MOS 6313 B.21

MD-1295/A IMPROVED DATA MODEM (IDM) SYSTEM (MATT)

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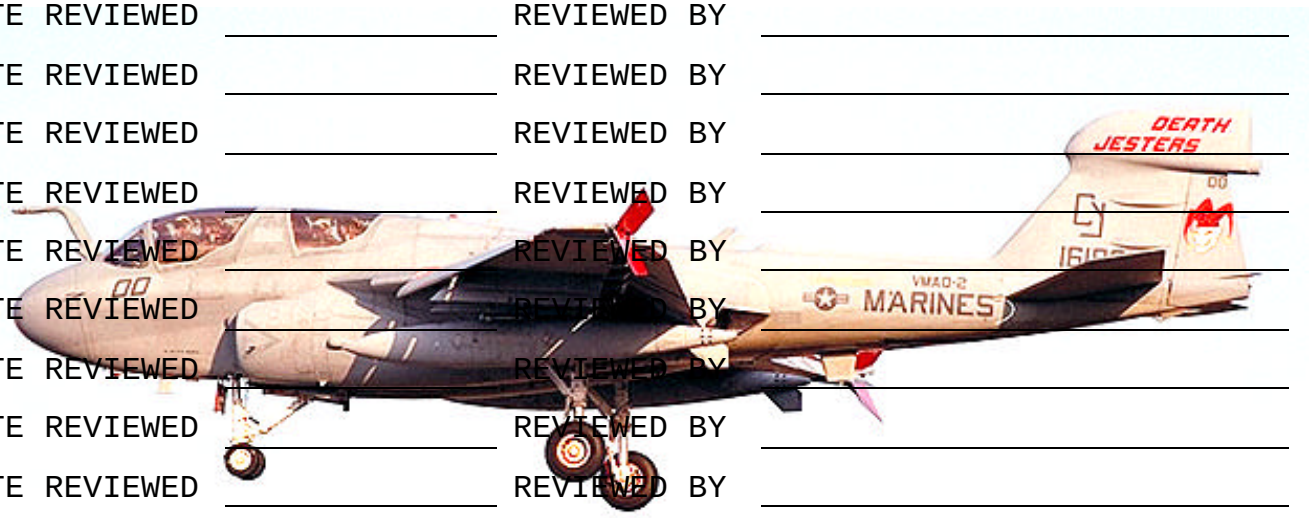

A. LECTURE NUMBER: MOS 6313 B.21

B. TIME: 1 HOUR

C. DATE PREPARED: 01 Aug. 2003

D. DATE REVIEWED: On cover sheet

E. TITLE OF LECTURE: MD-1295/A IMPROVED DATA MODEM (IDM) SYSTEM

F. OBJECTIVE: The objective for this period of instruction is to introduce and familiarize the student with the theory of operation, functional check, fault isolation and organizational maintenance procedures for the Md-1295/a Improved Data Modem (IDM) system on the EA -6B aircraft.

G. INSTRUCTIONAL AIDES:

1. EA-6B aircraft.

H. REFERENCES:

1. NA 01-85ADC-2-64.

I. PRESENTATION:

1. Present the student a thirty-minute classroom lecture on the theory of operation, functional check, fault isolation and organizational level maintenance procedures for MD-1295/A Improved Data Modem (IDM) system used on the EA -6B aircraft.
2. In addition to a thirty minute presentation,
   a. Read and discuss the pertinent section(s) of reference (s) (1).
   b. Demonstrate the proper procedures on the aircraft (as practical).

J. SUMMARY: During this period of instruction we have covered:

1. The organizational level maintenance procedures for MD-1295/A Improved Data Modem (IDM) system used on the EA -6B aircraft.

K. QUESTIONS:

Ask a minimum of three questions pertaining to the subject of this lesson guide.